Chapter Topic: Community Facilities and Services

Community Vision Statement

(Overall Future Outcome Envisioned for this Chapter's Topic)

- The City of Charlottesville will ensure that all residents have access to outstanding schools, parks and natural areas, recreational facilities and trails, urban agriculture, civic facilities and public buildings, public services, and the infrastructure needed to support a full range of educational and economic opportunities.
- Effective and efficient utilities and public services will support the health and welfare of residents and the quality of the local and regional environment.
- The City will prioritize equitable and effective emergency response and public safety, with clear strategies aimed at building trust and confidence in all neighborhoods.

Overview of Chapter Goals

(Specific outcomes related to achieving the Community Vision)

Goal 1. Efficient Planning for Facilities and Infrastructure: Prioritize efficient construction and maintenance of all community infrastructure and facilities, and ensure that infrastructure capacity is built and maintained in line with growth or declining demand, as appropriate.

Goal 2. City Schools: Improve and maintain public school facilities to continue providing an excellent education to students.

Goal 3. Government/Public Facilities: Improve and maintain City government facilities to continue to provide safe, accessible, modernized public facilities and places of employment.

Goal 4. Emergency Management: Reduce community, citizen, and employee vulnerability to hazards and improve community resilience in the face of natural and man-made disasters by employing an all- hazards, whole-of-government approach to emergency preparedness, and integrating planning, preparedness, response, and recovery efforts.

Goal 5. Fire Protection Services: Provide superior fire and emergency services focused on prevention, preparedness, response, and recovery, and cultivation of a safe, resilient, and self-sufficient community.

Goal 6. Emergency Medical Services: Support a resilient, safe community through the provision of the highest quality Emergency Medical Services focused on service delivery, patient outcomes, and responder health and safety.

Goal 7. Police Department: Provide safety and protection to all Charlottesville residents, while building community capacity and strengthening relationships.

Goal 8. Water Infrastructure: Improve and maintain the water system infrastructure to provide reliable, healthy, and efficient water service to city residents with contingencies for drought conditions.

Goal 9. Wastewater Infrastructure: Improve and maintain wastewater infrastructure to provide effective sanitary sewer services to residents and protect public health and water quality.

Goal 10. Stormwater Conveyance Infrastructure: Improve and maintain stormwater conveyance infrastructure to provide a safe and effective public drainage system while mitigating related impacts to water resources.

Goal 11. Gas Infrastructure: Improve and maintain the existing gas system within city and county limits, expand the system as needed, and provide a safe and efficient service for the community.

Goal 12. Parks and Recreation (Upgrades): Upgrade existing park and recreation infrastructure to current standards and address the value and uses of natural areas.

Goal 13. Parks and Recreation (Planning and Expansion): Plan for the future and expand current inventory of public park and recreation facilities.

Goal 14. Parks and Recreation (Best Practices): Adopt and maintain customized park and recreation facility standards that support a livable community and perform consistent maintenance on all parks and recreation facilities.

Goal 15. Parks and Recreation (Trails and Connectivity): Connect the park system to the community through the development of context- and environmentally-sensitive trails and through the effective and appropriate design of park and recreation facilities.

Goal 16. Parks and Recreation (Facilities and Programs): Develop and implement cost recovery and program standards as they apply to core offerings, services, and facilities.

Goals and Strategies

Goal 1. Efficient Planning for Facilities and Infrastructure: Prioritize efficient construction and maintenance of all community infrastructure and facilities, and ensure that infrastructure capacity is built and maintained in line with growth or declining demand, as appropriate.

Related Guiding Principle(s):

- *Equity & Opportunity, Environmental Stewardship & Sustainability*

Measures of Progress:

- *# roadway improvement projects that are coordinated with timing of other infrastructure improvements*
- *Regular updates related to development, population projections, and infrastructure capacity.*

Strategy 1.1 Ensure that community planning addresses and responds to the impact of population growth on all public facilities, school facilities, and other infrastructure.

Sub-strategy:

- Consider potential future use, through actual and projected population changes, as well as existing infrastructure use, when considering changes in service or investments.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: City Manager's Office (CMO) , City Council, Neighborhood Development Services (NDS), Public Works, Utilities, Charlottesville City Schools (CCS)
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter, *Cville Plans Together* process

Strategy 1.2 Coordinate timing of water, wastewater, stormwater, and gas

infrastructure improvements with efforts to complete Streets that Work plan priorities or others, where possible.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, NDS, Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 2. City Schools: Improve and maintain public school facilities to continue providing an excellent education to students.

Related Guiding Principle(s):

- *Equity & Opportunity, Environmental Stewardship & Sustainability*

Measures of Progress:

- *% renovations, repairs, and improvements completed*
- *Updated Memorandum of Understanding*
- *% projects incorporating innovative technology and green building practices, and benefits thereof (environmental benefit, cost savings over time, etc.)*

Strategy 2.1 Complete all needed renovations, repairs, and improvements according to the Public Works Department's system of prioritization, and in close coordination with Charlottesville City Schools administration and School Board.

Sub-strategy:

- Address Project Management capacity needs.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO , Public Works, City Council, CCS, School Board
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter, Staff

Strategy 2.2 Update the Memorandum of Understanding (MOU) developed in 2013 and maintain school properties in accordance with the MOU.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO, Public Works, City Council, CCS
- Timeframe: 1-2 years
- Source: 2018 draft Facilities chapter

Strategy 2.3 Implement a school building modernization program to continually redesign internal and external learning spaces that reflect best practices in education.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO, Public Works, City Council, CCS
- Timeframe: Ongoing through FY24
- Source: 2018 draft Facilities chapter

Strategy 2.4 Employ innovative technology and green building practices for all eligible capital construction and renovation projects, and in routine maintenance program efforts.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, City Council, CCS
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 2.5 Develop and maintain detailed inventories of all school facility elements, and develop condition indexes to guide maintenance, replacement, and improvement investments.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, City Council, CCS
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 3. Government/Public Facilities: Improve and maintain City government facilities to continue to provide safe, accessible, modernized public facilities and places of employment.

Related Guiding Principle(s):

- *Equity & Opportunity, Environmental Stewardship & Sustainability*

Measures of Progress:

- *% projects incorporating innovative technology and green building practices, and benefits thereof (environmental benefit, cost savings over time, etc.)*

Strategy 3.1 Employ innovative technology and green building practices for all eligible capital construction and renovation projects, and in routine maintenance and custodial program efforts.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 3.2 Develop and maintain detailed inventories of all government facility elements and City- owned equipment, and develop condition indexes to guide maintenance, replacement, and improvement investments.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 4. Emergency Management: Reduce community, citizen, and employee vulnerability to hazards and improve community resilience in the face of natural and man-made disasters by employing an all-hazards, whole-of-government approach to emergency preparedness, and integrating planning, preparedness, response, and recovery efforts.

Related Guiding Principle(s):

- *Environmental Stewardship & Sustainability, Local & Regional Collaboration, Equity & Opportunity*

Measures of Progress:

- *% of eligible City employees who have completed emergency management training*
- *# of interagency planning and exercise engagements and # of participants*
- *% of community signed up for Code Red system*

Strategy 4.1 Address financial and administrative management needs, to include grant management in coordination with state and federal resources.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO, Fire Department, Police Department
- Timeframe: Ongoing
- Source: Staff

Strategy 4.2 Develop and maintain the citywide Emergency Management Plan and the Emergency Operations Plan (EOP).

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO, Public Works, Utilities, Fire Department, Police Department
- Timeframe: 1-2 years
- Source: 2018 draft Facilities chapter, Local Capabilities Assessment for Readiness (LCAR) 2020

Strategy 4.3 Complete an annual Hazard Vulnerability Analysis for both City government infrastructure as well as the community at-large.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO, TJPDC, Hazard Mitigation Working Group, City Council
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter, 2018 TJPDC *Hazard Mitigation Plan*

Strategy 4.4 Develop and maintain hazard-specific critical incident plans.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, Utilities, City Council, Fire Department, Police Department
- Timeframe: 1-2-years
- Source: 2018 draft Facilities chapter

Strategy 4.5 Coordinate the development of Continuity of Operations (COOP) and Continuity of Government Plans (COG) for all City departments and provide planning guidance for local businesses as well.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO, City Council , all City departments
- Timeframe: 1 year
- Source: 2018 draft Facilities chapter, City of Charlottesville COOP draft plan 2019

Strategy 4.6 Coordinate City staff education and training in the National Incident Management System (NIMS) and Incident Command System to ensure essential emergency management capabilities.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, Utilities, CMO, Fire

Department, Police Department, Regional Emergency Management Office
- Timeframe: 1-2 years
- Source: 2018 draft Facilities chapter, Regional NIMS Training Proposal

Strategy 4.7 Organize and implement training for City employees, to include disaster tabletops (discussion-based scenario exercises), drills, and other exercises.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Public Works, CMO, Fire Department, Police Department, Regional Emergency Management Office
- Timeframe: 1-2 years
- Source: 2018 draft Facilities chapter

Strategy 4.8 Coordinate the development, implementation, and evaluation of city-wide safety programs.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: CMO, All City Departments
- Timeframe: 1-2 years
- Source: 2018 draft Facilities chapter

Strategy 4.9 Coordinate and promote the use of the emergency community notification system s, including the regional Code Red system.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Public Works, CMO, Fire Department, Police Department, Regional Emergency Management Office
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 4.10 Participate in and complete Climate Hazard Risk Assessment activities, to follow finalization of the Climate Action Plan.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Public Works, City Council, NDS, Regional Emergency Management Office
- Timeframe: 1-2 years
- Source: CAP process

Strategy 4.11 Develop and adopt an After Action Review (AAR) Process as part of recovery processes.

Sub-strategy:
- Assess lessons learned from the COVID-19 emergency and incorporate into future planning.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: COVID Incident Management Team, Public Works, Utilities, City Council, City Manager's office, Fire Department, Police Department, Economic Development, Blue Ridge Health District, Regional Emergency Operations Center
- Timeframe: 1-2 years
- Source: COVID Incident Management Team Plan Documents

Goal 5. Fire Protection Services: Provide superior fire and emergency services focused on prevention, preparedness,

response, and recovery, and cultivation of a safe, resilient, and self-sufficient community.

Related Guiding Principle(s):

- *Local & Regional Collaboration, Equity & Opportunity*

Measures of Progress:

- *Reports on relevant benchmarks established in the Emergency Response Performance Baseline Performance Statements*
- *% buildings in the city with Fire Protection systems installed*
- *# Community Risk Reduction strategies implemented and % of city residents taking part*

Strategy 5.1 Develop a neighborhood risk assessment to drive decision-making and service delivery to mitigate community and organizational risk.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Fire Department, City Council.

- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 5.2 Implement a comprehensive facilities master plan to maximize service delivery, safety, energy conservation and sustainability.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: 1-2 years
- Source: 2018 draft Facilities chapter

Strategy 5.3 Maintain a fleet of emergency response vehicles appropriate for the delivery of rapid and effective emergency services to meet the identified community in an increasingly more densely populated environment.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 5.4 Provide aggressive, comprehensive Community Risk Reduction strategies to match programs and service resources to identified community needs.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 5.5 Maintain a superior Insurance Service Office rating of Class 1 to ensure the city's infrastructure supports the provision of adequate fire protection.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Fire Department, City Council, Public Utilities
- Timeframe: Ongoing (Occurs every five (5) years)
- Source: 2018 draft Facilities chapter

Strategy 5.6 Maintain agency status through the Commission on Fire Accreditation International to ensure the fire department maintain an organizational environment of continuous improvement through performance measurement, risk assessment, and strategic planning.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: Ongoing (Occurs every five (5) years)
- Source: Staff

Strategy 5.7 Recommend and advocate for the installation of fire protection systems in all renovated and newly constructed buildings.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Fire Department, City Council, NDS

- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 6. Emergency Medical Services: Support a resilient, safe community through the provision of the highest quality Emergency Medical Services focused on service delivery, patient outcomes, and responder health and safety.

Related Guiding Principle(s):

- *Local & Regional Collaboration*

Measures of Progress:

- *Reports on relevant benchmarks established in the Emergency Response Performance Baseline Performance Statements*

Strategy 6.1 Adopt and implement an Emergency Medical Services (EMS) strategy to ensure an appropriate level of EMS first response and transport capability leveraging both career and volunteer resources.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: 1-2 years
- Source: 2018 draft Facilities chapter

Strategy 6.2 Maintain access to a fleet of emergency response vehicles appropriate for the delivery of rapid and effective emergency services in an increasingly more densely populated environment.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: Immediate (within 1 year)
- Source: 2018 draft Facilities chapter

Strategy 6.3 Fully leverage current and future technologies to achieve the most effective resource distribution and unit reliability (such as Automated Vehicle Locators, Mobile Data Computers and Global Information Services).

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: Immediate (within 1 year)
- Source: 2018 draft Facilities chapter

Strategy 6.4 Ensure adequate facilities exist for the effective deployment of EMS resources in the community.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: 2-3 years
- Source: 2018 draft Facilities chapter

Strategy 6.5 Create adequate facilities that support initial and on-going education, training, and professional development for EMS providers.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Fire Department, City Council
- Timeframe: Ongoing

- Source: 2018 draft Facilities chapter

Goal 7. Police Department: Provide safety and protection to all Charlottesville residents, while building community capacity and strengthening relationships.

Related Guiding Principle(s):

- *Local & Regional Collaboration, Community Culture & Unity*

Measures of Progress:

- *Identification and implementation of recommendations for community relationship- and capacity- building*

Strategy 7.1 Participate in a community process to identify ways to improve and strengthen relationships and partnerships with all Charlottesville community members.

Sub-strategies:

- Discuss ways to balance police requirements with alternative means of making a community safe: affordable housing, quality health care - including community based mental health services, living wage employment, education, and youth programming.
- In partnership with community members, identify ways to enhance and measure the effectiveness of community policing efforts.
- Identify locations throughout the city for citizen/police engagement opportunities.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: CMO, Police Department, City Council, Police Civilian Review Board
- Timeframe: Immediate (within 1 year)
- Source: *Cville Plans Together* process

Strategy 7.2 Evaluate the need for a new permanent, centralized facility for the Police Department which will address current and future operational, space, storage, and parking needs. Identify and obtain a facility, as needed.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Police Department, City Council
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 7.3 Evaluate the need for a Regional Training Facility which can be shared with other local law enforcement agencies. Identify and obtain a location which will provide adequate space for this facility, as needed.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: City Council, Police Department, other local Law Enforcement Agencies.
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 7.4 When considering a purchase of new Police Department vehicles (cars, vans, or motorcycles), consider a replacement frequency and vehicle quality that corresponds to the amount of use each vehicle receives, as well as the potential to purchase vehicles that are more energy efficient.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Police Department, City Council
- Timeframe: Ongoing

- Source: 2018 draft Facilities chapter, Staff

Goal 8. Water Infrastructure: Improve and maintain the water system infrastructure to provide reliable, healthy, and efficient water service to city residents with contingencies for drought conditions.

Related Guiding Principle(s):

- *Local & Regional Collaboration, Environmental Stewardship & Sustainability*

Measures of Progress:

- *# of emergency operations incidents for water infrastructure*
- *% completion for projects identified in the Water Prioritization Study*
- *Gallons of non-revenue water*
- *# leaks detected and repaired*

Strategy 8.1 Maintain, repair, and replace water lines where necessary to minimize emergency operations and maintenance.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 8.2 Map, inspect, and inventory existing infrastructure; assess the condition of water facilities; and identify actions that can be taken to improve the hydraulic conditions of the water network.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 8.3 Continue to implement the recommended improvements for increased capacity, fire protection, and redundancy of systems by replacing and/or upsizing water lines as outlined in the City's Water Prioritization Study.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 8.4 Ensure that all applications for increased capacity are analyzed to discern adequate water line capacity and water meter sizing in the review process.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 8.5 Identify sources of non-revenue water (water that is "lost" before it reaches users) and focus efforts in reducing those water losses.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 8.6 Support and coordinate efforts with the Rivanna Water and Sewer Authority and the Albemarle County Service Authority to provide a more efficient distribution and treatment system.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities, Rivanna Water and Sewer Authority, Albemarle County Service Authority
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 9. Wastewater Infrastructure: Improve and maintain wastewater infrastructure to provide effective sanitary sewer services to residents and protect public health and water quality.

Related Guiding Principle(s):

- *Local & Regional Collaboration, Environmental Stewardship & Sustainability*

Measures of Progress:

- *# of emergency operations incidents for wastewater infrastructure*

Strategy 9.1 Map, inspect, and inventory existing infrastructure; assess the condition of these facilities; and identify actions that can be taken to improve the conditions of the wastewater network, especially the capacity of the sewer system in prime development areas, including those areas identified as potential medium or high-intensity development areas on the Future Land Use Map.

Sub-strategies:

- Minimize emergency operations and maintenance by maintaining, repairing, and replacing sanitary sewer lines, where necessary.
- Emphasize the annual maintenance of wastewater facilities and continue to identify and complete improvement projects. This includes, but is not limited to, increasing the size of pipes to enlarge the system's capacity, relocating main lines that were built on private property, or building new main lines to extend the system.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 9.2 Continue to improve sanitary sewer infrastructure to eliminate sanitary sewer overflows and reduce infiltration and inflow.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 9.3 Design and replace the 14th/15th Street Collector sewer line, which currently exceeds capacity and will be receiving significant additional flow from developments currently under construction

and planned in this area.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities
- Timeframe: 4-5 years
- Source: 2018 draft Facilities chapter

Strategy 9.4 Support and coordinate efforts with the Rivanna Water and Sewer Authority and the Albemarle County Service Authority to provide a safe and reliable sanitary sewer collection and treatment system.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Utilities, Rivanna Water and Sewer Authority, Albemarle County Service Authority
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 10. Stormwater Conveyance Infrastructure: Improve and maintain stormwater conveyance infrastructure to provide a safe and effective public drainage system while mitigating related impacts to water resources.

Related Guiding Principle(s):

- *Local & Regional Collaboration, Environmental Stewardship & Sustainability*

Measures of Progress:

- *Miles of pipe rehabilitated*
- *# structures installed, rehabilitated, or replaced*

Strategy 10.1 Map, inspect, and inventory the stormwater conveyance network to assess the condition, configuration, location, and extents of stormwater conveyance infrastructure. Facilitate strategic actions to maintain and improve the condition and integrity of the network.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 10.2 Rehabilitate, repair, and replace public stormwater conveyance infrastructure both preventively and reactively to promote sustainable stewardship of the stormwater conveyance system.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 10.3 Modernize, on a case-by-case basis, the stormwater conveyance system to achieve compliance with current local and state engineering standards, specifications, and best practices.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Public Works, Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 10.4 Ensure that proposed additions and modifications to the existing stormwater conveyance infrastructure network are implemented in a way that addresses deficiencies of the existing infrastructure.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Public Works, Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 10.5 Incorporate, as is practicable, water quality improvements and measures that lessen the impact to receiving water bodies when improvements are made to stormwater conveyance infrastructure.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Public Works, Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 10.6 Continue to advance the understanding of best policy and practice related to the City's public/private stormwater conveyance system with the goal of integrating public responsibility and private needs.

Sub-strategy:
- Consider strategies described in City GreenPrint 1.0: Charlottesville's Green Infrastructure Guide as well as other innovative and progressive methods of managing stormwater, particularly where they provide additional green space within neighborhoods.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Public Works, Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 11. Gas Infrastructure: Improve and maintain the existing gas system within city and county limits, expand the system as needed, and provide a safe and efficient service for the community.

Related Guiding Principle(s):
- *Local & Regional Collaboration, Environmental Stewardship & Sustainability*

Measures of Progress:
- *# of third-party damage incidents*

Strategy 11.1 Map, inspect, and inventory the existing infrastructure; assess the condition of these facilities; and identify actions that can be taken to improve the conditions of the natural gas network.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 11.2 Continue to promote public awareness regarding gas safety and reduce third party damages to the gas system.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Utilities
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 12. Parks and Recreation (Upgrades): Upgrade existing park and recreation infrastructure to current standards and address the value and uses of natural areas.

Related Guiding Principle(s):
- *Equity & Opportunity, Environmental Stewardship & Sustainability*

Measures of Progress:
- *# improvements made to existing facilities and infrastructure*

Strategy 12.1 Develop and apply system-wide design standards, as appropriate.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 12.2 Improve the overall comfort and aesthetics of park sites through signage, landscaping, infrastructure, and safety improvements

Sub-strategies:
- Evaluate potential to install energy efficient lighting.
- Add trash/recycling receptacles in appropriate locations.
- Update recreation amenities.
- Refurbish existing restrooms and drinking fountains.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 12.3 Create resource management plans to support and maintain natural areas.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 12.4 Ensure that planning, maintenance, and operation of parks always explores and considers the cross functional benefit for the City's environmental goals, including those related to stormwater management, energy efficiency, environmental justice, and others.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation, Public Works
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 12.5 Continue to include more kinetic and/or creative play modules and equipment in city playgrounds.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 13. Parks and Recreation (Planning and Expansion): Plan for the future and expand current inventory of public park and recreation facilities.

Related Guiding Principle(s):

- *Equity & Opportunity, Environmental Stewardship & Sustainability, Local & Regional Collaboration, Community Culture & Unity*

Measures of Progress:

- *Total acres of public park land (or publicly-accessible facilities, including school facilities)*
- *Acres of public park land (or publicly-accessible facilities, including school facilities) within or walkable from each neighborhood*

Strategy 13.1 Encourage the acquisition of land that serves a cross functional purpose as parkland/ public space and the development of green infrastructure and prioritize land acquisition.

Sub-strategy:

- Prioritize and encourage acquisition of natural areas, particularly along existing and proposed trails and near the Rivanna River, through developer contributions and fee simple purchase.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation, City Council
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 13.2 Design athletic fields to accommodate multiple recreational uses.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 13.3 Increase both passive recreational opportunities (which require less intensive use of land) as well as active recreational opportunities (which may require specific sporting facilities or equipment) for Charlottesville residents.

Sub-strategies:

- Add additional rectangular fields to the parks and recreation network.
- Ensure that all neighborhoods are considered for these improvements, with a priority on neighborhoods that are currently underserved or lack connectivity to existing opportunities.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing

- Source: 2018 draft Land Use chapter

Strategy 13.4 Enhance the role of schools in the open space and public facility network by expanding the community use of these places.

Sub-strategy:

- Revisit the existing Memorandum of Understanding, as needed, to update roles, responsibilities, and funding for any shared amenities at school facilities.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation, CCS, City Council
- Timeframe: Ongoing
- Source: 2018 draft Land Use chapter

Strategy 13.5 Examine the feasibility of creating a regional park authority in conjunction with City/ County planning efforts.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: City Council, Albemarle County, Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 13.6 Create a Parks and Recreation systemwide Master Plan (possibly to include a regional master plan), align current and future park master plans, and continue to evaluate and adjust programs to align all program lifecycles and establish new programs.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation, City Council
- Timeframe: 2-3 years
- Source: 2018 draft Facilities chapter

Goal 14. Parks and Recreation (Best Practices): Adopt and maintain customized park and recreation facility standards that support a livable community and perform consistent maintenance on all parks and recreation facilities.

Related Guiding Principle(s):

- *Equity & Opportunity, Environmental Stewardship & Sustainability*

Measures of Progress:

- *Maintenance standards reports*

Strategy 14.1 Incorporate best design practices for creating multiple, complimentary uses in urban scale parks while following best practices for the stewardship of the parks' historic resources.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 14.2 Continue to pursue partnerships to develop and maintain park and recreation facilities and programs and meet City and Departmental service delivery goals.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation, local partners

and organizations including non-profits

- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 14.3 Establish maintenance standards and frequencies for all park facilities, trails, and recreation facilities in the system.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 14.4 Communicate park maintenance standards to users of parks and recreation facilities.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 15. Parks and Recreation (Trails and Connectivity): Connect the park system to the community through the development of context- and environmentally-sensitive trails and through the effective and appropriate design of park and recreation facilities.

Related Guiding Principle(s):
- *Equity & Opportunity, Environmental Stewardship & Sustainability, Local & Regional Collaboration*

Measures of Progress:
- *% of population within ¼ mile (travel distance) of a public park*
- *% of residents within a 10-minute walk of a public park (ParkScore, https://www.tpl.org/city/ charlottesville-virginia)*

Strategy 15.1 Enhance multimodal access to parks, particularly for areas currently lacking nearby facilities.

Sub-strategies:
- Continue to utilize GIS mapping to examine the equity or disparities in place by park and facility types.
- Support the implementation of the 2015 Bicycle and Pedestrian Master Plan, particularly where it enhances access to parks and trails.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation, NDS, Public Works
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 15.2 Encourage land and easement acquisition along trail corridors to ensure permanent use as trail and the ability to manage land as park space and a green infrastructure resource.

Implementation Notes and Source of Strategy:
- Potential Implementation Lead & Partners: Parks & Recreation, City Council
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 15.3 Ensure that all new trails and trail improvements are designed within the context of surrounding natural systems and urban areas to maximize positive and minimize negative impacts on environmental systems and cultural and historic resources.

Sub-strategy:

- Formalize guidelines for trail design, trail construction materials, trail maintenance and improvements.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 15.4 Develop information materials and trail signage that highlight the characteristics of natural resources and cultural and historic areas located along trail systems in the city and within parks.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation, Historic Resources Committee
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Goal 16. Parks and Recreation (Facilities and Programs): Develop and implement cost recovery and program standards as they apply to core offerings, services, and facilities.

Related Guiding Principle(s):

- *Equity & Opportunity, Environmental Stewardship & Sustainability, Local & Regional Collaboration*

Measures of Progress:

- *% programs and facilities meeting cost recovery goal*

Strategy 16.1 Determine the true cost of services for programs and facilities (including parking), and create a cost recovery goal, with an end result that facilities produce revenue to offset operating costs while ensuring that cost recovery strategies do not limit access to facilities and programs for lower-income residents or those with little walkable access to parks.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter

Strategy 16.2 Create a new core recreation service related to environmental education to create awareness and appreciation of the value of natural areas.

Implementation Notes and Source of Strategy:

- Potential Implementation Lead & Partners: Parks & Recreation
- Timeframe: Ongoing
- Source: 2018 draft Facilities chapter